

METHOD FOR ROBUST, FLEXIBLE RECONFIGURATION OF TRANSCIVE PARAMETERS FOR ADSL MODEMS

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Abstract

A communications system 400 includes a transmitter 410 that transmits information to a receiver 440 over communication channels 420 and 430. The receiver 440 determines reconfiguration transceive parameters, ack/comply timing information and implementation timing information and provides this information to the transmitter 410, e.g., over an OAM channel 420. The transmitter 410 returns an ack/comply to the receiver 440, e.g., over a lower layer OAM channel 430, at a time in accordance with the ack/comply timing information. If the acknowledgment indicates acceptance of the reconfiguration transceive parameters, both the transmitter 410 and the receiver 440 implement the reconfiguration transceive parameters at a time in accordance with the implementation delay timing information.